

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1204BXD

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3 SEP 09	CA/CAPlus records now contain indexing from 1907 to the present
NEWS	4 AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS	5 AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS	6 AUG 18	Data available for download as a PDF in RDISCLOSURE
NEWS	7 AUG 18	Simultaneous left and right truncation added to PASCAL
NEWS	8 AUG 18	FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation
NEWS	9 AUG 18	Simultaneous left and right truncation added to ANABSTR
NEWS	10 SEP 22	DIPPR file reloaded
NEWS	11 DEC 08	INPADOC: Legal Status data reloaded
NEWS	12 SEP 29	DISSABS now available on STN
NEWS	13 OCT 10	PCTFULL: Two new display fields added
NEWS	14 OCT 21	BIOSIS file reloaded and enhanced
NEWS	15 OCT 28	BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS	16 NOV 24	MSDS-CCOHS file reloaded
NEWS	17 DEC 08	CABA reloaded with left truncation
NEWS	18 DEC 08	IMS file names changed
NEWS	19 DEC 09	Experimental property data collected by CAS now available in REGISTRY
NEWS	20 DEC 09	STN Entry Date available for display in REGISTRY and CA/CAPlus
NEWS	21 DEC 17	DGENE: Two new display fields added
NEWS	22 DEC 18	BIOTECHNO no longer updated
NEWS	23 DEC 19	CROFU no longer updated; subscriber discount no longer available
NEWS	24 DEC 22	Additional INPI reactions and pre-1907 documents added to CAS databases
NEWS	25 DEC 22	IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS	26 DEC 22	ABI-INFORM now available on STN
NEWS EXPRESS	NOVEMBER 14	CURRENT WINDOWS VERSION IS V6.01c, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 17:13:29 ON 23 DEC 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 17:13:41 ON 23 DEC 2003

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 DEC 2003 HIGHEST RN 630045-65-7

DICTIONARY FILE UPDATES: 22 DEC 2003 HIGHEST RN 630045-65-7

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

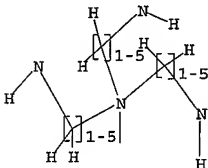
=>

Uploading 10005294.str

L1 STRUCTURE UPLOADED

=> d query

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 17:14:03 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 89974 TO ITERATE

1.1% PROCESSED 1000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**

BATCH **INCOMPLETE**

PROJECTED ITERATIONS: EXCEEDS 1000000

PROJECTED ANSWERS: EXCEEDS 0

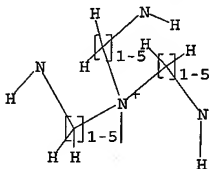
L2 0 SEA SSS SAM L1

=>
Uploading 10005294.str

L3 STRUCTURE UPLOADED

=> d query

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l3
SAMPLE SEARCH INITIATED 17:15:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 89974 TO ITERATE

1.1% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

L4 0 SEA SSS SAM L3

=> s l3 full
FULL SEARCH INITIATED 17:15:22 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 22.3% PROCESSED 400000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.12

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

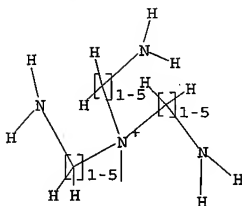
L5 0 SEA SSS FUL L3

=>
Uploading 10005294.str

L6 STRUCTURE UPLOADED

=> d query

L6 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> s l6
SAMPLE SEARCH INITIATED 17:16:40 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 89974 TO ITERATE
```

```
1.1% PROCESSED      1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01
```

0 ANSWERS

```
FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH  **INCOMPLETE**
PROJECTED ITERATIONS:    EXCEEDS 1000000
PROJECTED ANSWERS:       EXCEEDS      0
```

L7 0 SEA SSS SAM L6

```
=> s l6 full
FULL SEARCH INITIATED 17:16:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE
```

```
< 22.3% PROCESSED  400000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.09
```

0 ANSWERS

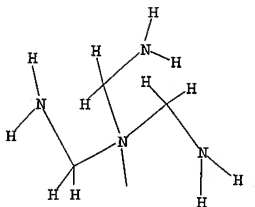
```
FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH  **INCOMPLETE**
PROJECTED ITERATIONS:    EXCEEDS 1000000
PROJECTED ANSWERS:       EXCEEDS      0
```

L8 0 SEA SSS FUL L6

```
=>
Uploading 10005294.str
```

L9 STRUCTURE UPLOADED

```
=> d query
L9 STR
```



Structure attributes must be viewed using STN Express query preparation.

=> s l9

SAMPLE SEARCH INITIATED 17:17:47 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2 TO 124
PROJECTED ANSWERS: 0 TO 0

L10 0 SEA SSS SAM L9

=> s l9 full

FULL SEARCH INITIATED 17:17:52 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 40 TO ITERATE

100.0% PROCESSED 40 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L11 0 SEA SSS FUL L9

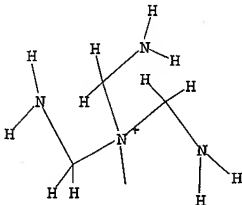
=>

Uploading 10005294.str

L12 STRUCTURE UPLOADED

=> d query

L12 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l12
SAMPLE SEARCH INITIATED 17:18:50 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2 TO 124
PROJECTED ANSWERS: 0 TO 0

L13 0 SEA SSS SAM L12

=> s l12 full
FULL SEARCH INITIATED 17:18:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 40 TO ITERATE

100.0% PROCESSED 40 ITERATIONS
SEARCH TIME: 00.00.01

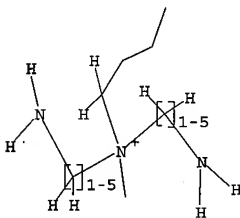
0 ANSWERS

L14 0 SEA SSS FUL L12

=>
Uploading 10005294.str

L15 STRUCTURE UPLOADED

=> d query
L15 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l15
SAMPLE SEARCH INITIATED 17:20:33 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 9241 TO ITERATE

10.8% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 179061 TO 190579
PROJECTED ANSWERS: 0 TO 0

L16 0 SEA SSS SAM L15

=> s l15 full

FULL SEARCH INITIATED 17:20:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 183943 TO ITERATE

100.0% PROCESSED 183943 ITERATIONS
SEARCH TIME: 00.00.03

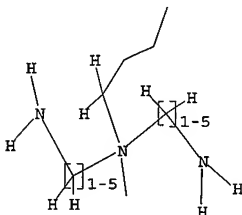
0 ANSWERS

L17 0 SEA SSS FUL L15

=>
Uploading 10005294.str

L18 STRUCTURE UPLOADED

=> d query
L18 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l18
SAMPLE SEARCH INITIATED 17:22:05 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 9241 TO ITERATE

10.8% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 179061 TO 190579
PROJECTED ANSWERS: 0 TO 0

L19 0 SEA SSS SAM L18

=> s l18 full
FULL SEARCH INITIATED 17:22:09 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 183943 TO ITERATE

100.0% PROCESSED 183943 ITERATIONS
SEARCH TIME: 00.00.03

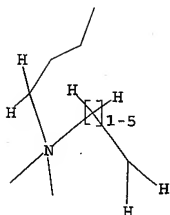
0 ANSWERS

L20 0 SEA SSS FUL L18

=>
Uploading 10005294.str

L21 STRUCTURE UPLOADED

=> d query
L21 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l21

SAMPLE SEARCH INITIATED 17:23:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2440 TO ITERATE

41.0% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 45838 TO 51762
PROJECTED ANSWERS: 0 TO 0

L22 0 SEA SSS SAM L21

=> s l21 full

FULL SEARCH INITIATED 17:23:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 48603 TO ITERATE

100.0% PROCESSED 48603 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L23 1 SEA SSS FUL L21

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1040.65	1040.86

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 17:23:25 ON 23 DEC 2003
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FILE COVERS 1907 - 23 Dec 2003 VOL 139 ISS 26
FILE LAST UPDATED: 22 Dec 2003 (20031222/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l23

L24

2 L23

=> d l24 1-2 abs ibib hitstr

124 AMWEEA 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
 AB Three attempts were made to prep. org. ammonium metals. Dissolving Bu₄NH
 in THF and mixing with a liq. NaK alloy gave free ammonium metal
 dissolved
 in the alloy. Electrolysis of Bu₄NClO₄ in THF at Pt or Ag electrodes
 gave
 new strongly reducing mols. which disappeared rapidly because of reaction
 with THF. Treatment of Me₃N, MeNH₂, or Me₂ with Me₂Li. at low temp. in
 a
 high-vacuum app. gave small black particles, which disappeared
 irreversibly at higher temps.
 ACCESSION NUMBER: 1989:23271 CAPLUS
 DOCUMENT NUMBER: 110:23271
 TITLE: Attempts to prepare free solid organic ammonium
 metals
 AUTHOR(S): Dov de Korosy, Francis
 CORPORATE SOURCE: Inst. Appl. Res., Ben-Gurion Univ., Negev Beer-Sheva,
 Israel
 SOURCE: Acta Chimica Hungarica (1987), 124(4), 671-6
 CODING AGENCY/ ISSN: 0251-3146
 JOURNAL
 DOCUMENT TYPE: English
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 110:23271
 IT 19098-60-39
 RI: ESR (Synthetic preparation)/ PREP (Preparation)
 HU 19098-60-3 CAPLUS
 (prepn. and ESR of)
 BU 19098-60-3 CAPLUS
 CN Nitrogen, tetrabutyl-, (T-4)- (SCI) (CA INDEX NAME)



124 AMWEEA 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
 AB Techniques for the electrolytic generation and the spectroscopic
 characterization of quaternary ammonium radicals in liq. ammonia have
 been
 developed. The spectra of seven tetraalkylammonium radicals in liq.
 ammonia have been examd. in the range 200-2500 m.m.u.. The effects of
 concn. and temp., as well as dissolved salts, upon the spectra have been
 examd. The absorbing species is the same in each case and has the same
 characteristics as the absorbing species present in metal-ammonia solns.
 The implications of these results with respect to the current theories of
 metal-ammonia solns. are discussed. 31 references.
 ACCESSION NUMBER: 1988:109804 CAPLUS
 DOCUMENT NUMBER: 68:109804
 TITLE: Metal-ammonia solutions. III. Spectroscopy of
 quaternary ammonium radicals
 AUTHOR(S): Quinn, Rod K.; Lapowski, Joseph J.
 CORPORATE SOURCE: Univ. of Texas, Austin, TX, USA
 SOURCE: Journal of Physical Chemistry (1968), 72(4), 1374-8
 CODING AGENCY/ ISSN: 0022-3654
 JOURNAL
 DOCUMENT TYPE: English
 LANGUAGE: English
 IT 19098-60-39
 RI: PREP (Properties); PREP (Preparation)
 (formation and ir spectrum of, in ammonia solns. at low temp.)
 HU 19098-60-3 CAPLUS
 CN Nitrogen, tetrabutyl-, (T-4)- (SCI) (CA INDEX NAME)



=> fil reg
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
9.49	1050.35

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE ENTRY	TOTAL SESSION
-1.30	-1.30

FILE 'REGISTRY' ENTERED AT 17:24:06 ON 23 DEC 2003
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STRUCTURE FILE UPDATES: 22 DEC 2003 HIGHEST RN 630045-65-7
DICTIONARY FILE UPDATES: 22 DEC 2003 HIGHEST RN 630045-65-7

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

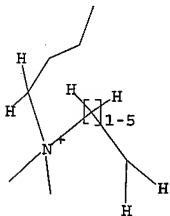
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading 10005294.str

L25 STRUCTURE UPLOADED

=> d query
L25 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l25
SAMPLE SEARCH INITIATED 17:24:45 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2440 TO ITERATE

41.0% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 45838 TO 51762
PROJECTED ANSWERS: 0 TO 0

L26 0 SEA SSS SAM L25

=> s l25 full
FULL SEARCH INITIATED 17:24:50 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 48603 TO ITERATE

100.0% PROCESSED 48603 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L27 0 SEA SSS FUL L25

=> logoff y
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
149.35	1199.70

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.30

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 17:26:20 ON 23 DEC 2003